



# FUNDING MEMO

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To:	Los Angeles Watershed Area Steering Committee	From:	Safe, Clean Water Program Regional Coordination Team
Project:	Arroyo Park Infiltration Gallery	Date:	November 2, 2023
Project Lead:	City of South Pasadena	Call for Projects Year:	Round 5 FY24-25
Watershed Area:	Upper Los Angeles River	Project Location:	618 Stoney Drive South Pasadena, CA 91030

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## Reference: Leverage Funding Memo for Arroyo Park Infiltration Gallery

Leveraged funding is a key program goal in the Safe, Clean Water Program Implementation Ordinance (Chapter 18.04). This and other Funding Memos are generated for all eligible newly submitted Safe, Clean Water Program Infrastructure Program projects in Round 5 FY24-25. The intent of this funding memo is to strengthen the identification of leverage funding sources and support WASCs in funding priorities and partial funding decisions. Below is a summary of the project benefits, overview of the funding request, potential sources of leverage funding for this project, and an assessment of funding competitiveness in those programs.

## PROJECT SUMMARY

The Project Application describes the proposed project in this way:

The primary objective of this project is to capture and/or treat stormwater runoff and dry weather flows to achieve compliance with the EWMP goals. The secondary objective of the project is to enhance water supply by providing opportunities for groundwater recharge through infiltration. Other objectives include community investment-based benefits, such as enhancing park space, and increasing drought tolerant, native landscaping. The project achieves the objectives by capturing stormwater runoff and dry weather flows to provide treatment and/or groundwater recharge along the Arroyo Seco through the use of an underground infiltration system. This project will provide enhancements to the park including field enhancements to the soccer fields, walking paths, educational signage, and native vegetation. The project will comply with any County-wide displacements policies.

## PROJECT BENEFITS

The Project claims to provide the following benefits, as copied verbatim from the Project Application:

- Water Quality: This project will address water quality needs through the infiltration of stormwater runoff from the total 165-acre drainage area. Infiltrating stormwater will reduce pollutant loads in the receiving water.
- Water Supply: This project will help address water supply needs through the infiltration of stormwater within one adjudicated groundwater areas (Main San Gabriel Basin Groundwater Basins), as confirmed by the Main San Gabriel Basin Watermaster.



- Park Space, Habitat, or Wetland Space: The project will enhance park space through the addition of native plants.
- Recreational Opportunities: Yes, the project will enhance the existing soccer fields.
- Urban Heat & Shade: This project is proposing to add flowering native trees, screening trees, and parking lot trees that would add shade to the park. Typically, these trees would have a 10'-20' diameter canopy in 3-5 years from initial planting, and a 20'-40' diameter canopy at maturity.
- Shade & Vegetation: This project is proposing to increase the number of trees and vegetation at the site location.
- Disadvantaged Community Benefit: This Project will contribute to the enhancement and restoration of the existing unused areas along the [Arroyo Seco] Channel. In addition, the Project proposes the planting of additional trees, which will lead to more carbon sequestration within the area. This project will provide water quality benefits through the pretreatment and infiltration systems to remove solids, trash and nutrients from water discharging into the [Arroyo Seco] Channel. The [disadvantaged communities] are situated in adjacent neighborhoods close to the project sites.

## OVERVIEW OF FUNDING NEED FOR PROJECT

The Arroyo Park Infiltration Gallery is currently requesting \$934,073 of Safe, Clean Water Program Round 5 funding for FY24-25. The Project is tentatively requesting a total of \$7,160,127 of Safe, Clean Water funding through FY25-26 for Planning, Design, and Construction. The Project's total cost is \$10,274,812 (Planning, Design, and Construction)

The Project previously received \$400,000 for funding in FY20-21 for the following Technical Resources Program (TRP) projects: Arroyo Seco Projects Part 1 of 4: Constructed Wetlands by the Arroyo Seco; Arroyo Seco Projects Part 2 of 4: Stormwater Capture Basin and Park Improvements; Arroyo Seco Projects Part 3 of 4: Constructed Wetlands at the Arroyo Seco Golf Course; and Arroyo Seco Projects Part 4 of 4: Constructed Wetlands at the Arroyo Seco Golf Course Driving Range. The proponent submitted four TRP applications for different elements of a distributed project. The WASC, District, and Proponent agreed to a TRP award of a single Technical Assistance Team with a \$400,000 budget to support a feasibility study across the distributed projects.

The Project has not previously received Infrastructure Program funding.

As disclosed in the Project application, the Project Proponent has leveraged \$3,114,685 from Caltrans financial contributions for project construction.

- **Total SCW funding requested for FY24-25:** \$934,073
- **Total SCW funding awarded to date:** \$400,000 (TRP)
- **Total SCW funding requested:** \$7,160,127 (Infrastructure Program – Planning, Design, and Construction)
- **Total Infrastructure Project cost:** \$10,274,812 (Infrastructure Program – Planning, Design, and Construction)
- **Cost share and/or existing funding already leveraged:** \$3,114,685



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	Year 1 – Current Ask	Year 2	Year 3	Year 4	Year 5	Future Funds	Total Request
<b>Request</b>	\$934,073	\$6,226,053	\$ --	\$ --	\$ --	\$ --	\$7,160,127
<b>Phase</b>	Planning, Design	Construction	N/A	N/A	N/A	N/A	

Status and schedule of project:

- **Date of completion of Project planning and design:** 12/2025
- **Anticipated date of completion of Project construction:** 12/2028

## FUNDING OPPORTUNITIES

The following funding/grant program opportunities align with the Arroyo Park Infiltration Gallery. Funding/grant program opportunities are categorized into topic areas based on the claimed project benefits in the Safe, Clean Water Program project application. Each funding/grant program listed includes an assessment of the project’s funding competitiveness in its description.

Funding competitiveness assessments will fall under three levels:

- **Strong:** The Project has a strong potential to be competitive for program funding. The Project provides numerous benefits and aligns strongly with the funding program’s goals and priorities.
- **Moderate:** The Project has a moderate potential to be competitive for program funding. The Project features some benefits that align with the funding program’s focus.
- **Low:** The Project has a low potential to be competitive for program funding. The Project features a benefit that aligns with the funding program’s focus but does not directly align with funding priorities.

## URBAN HEAT

[Integrated Climate Adaptation & Resiliency Program’s \(ICARP\) Extreme Heat and Community Resilience Grant Program](#) funds planning and implementation projects that reduce the impacts of extreme heat and build community resilience. The Program will build frameworks for change and invest in local, regional, and tribal projects that strengthen communities that are vulnerable to heat. The ICARP program plans to award a total of \$36 million in grants for the first funding round, with 40% of total funds allocated to planning grants and 60% of total funds for implementation grants.

Draft Grant Guidelines were released on October 12, 2023, and the following information is subject to change in the Final Grant Guidelines. The ICARP Program’s funding award amounts categories are: Small Planning Grants (\$100,000 and \$250,000), Large Planning Grants (\$300,000 and \$750,000), Small Implementation Grants (\$100,000 and \$450,000), and Large Implementation Grants (\$500,000 and \$5 million). No match funding is required. Implementation grants may fall under four tracks: Track A) Build Public Awareness and Notification, Track B) Strengthen Community Services and Response, Track C) Increase Resilience of Our Built Environment, and Track D) Utilize Nature-based Solutions.



The Arroyo Park Infiltration Galley has a **moderate potential** of being competitive for this ICARP grant program, given vegetation and urban heat benefits claimed in the Safe, Clean Water project application. The Project aligns with Implementation Track D) Utilize Nature-based Solutions, which includes tree planting.

## URBAN GREENING

[California Department of Water Resources' \(DWR\) Urban Streams Restoration Program \(USRP\)](#) funds projects to restore streams impacted by urban development to a more nature state. Project types include stream cleanups, bank stabilization projects, revegetation, recontouring of channels to improve floodplain functions and localized flood protection, acquisition of strategic floodplain properties. Grant administration for the USRP is now combined with the [Riverine Stewardship Program](#); however, each program has separate grant guidelines. The USRP funds projects across California. A major objective of the USRP is community engagement and support. Grant applications must have two applicants: one local public agency or non-profit organization and one local community group. There is a 20%, non-state source, cost share requirement for projects funded with Proposition 68 funds. The cost share requirement may be waived for disadvantaged communities.

The Arroyo Park Infiltration Gallery has a **moderate potential** to be competitive for the USRP. The Project's native vegetation benefits claimed in the Safe, Clean Water application align with DWR's grant program's focus; however, this grant program requires two applicants, including one that is a local community group. The USRP requires significant outreach before and after the project is completed. Given the Project's Safe, Clean Water Project Application and current project phase, this program may be potentially competitive is more engagement and outreach is conducted.

[CAL FIRE's Urban and Community Forestry Grant Program](#) is an annual grant program approved by the Budget Act each fiscal year. Program cycles may have a specific focus, such as the FY22-23 cycle focus on green schoolyards. This grant program funds planning and implementation projects for urban forest planting projects with multiple benefits, that give special attention to greenhouse gas reduction, energy conservation, air quality improvement, stormwater management, water quality, or improvement of public health outcomes. Urban and Community Forestry Grant Program grants require a 25 percent cost share. Funds may be sourced from state funding from agencies other than CAL Fire. Projects that meet disadvantaged/low-income requirements are eligible to waive cost share requirements.

The Arroyo Park Infiltration Galley has a **low potential** of being competitive for the CAL FIRE grant program. The Project claims urban heat and vegetation benefits in the Safe, Clean Water Program application; however, it is unclear whether the quantity of trees associated with the Project would qualify for this program.

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Funding programs change frequently. The above identified funding opportunities are initial recommendations, and further research should verify project-specific eligibility requirements, latest funding levels, and appropriate timelines. Use the links above to research these programs further. If you are unsure about your project eligibility or competitiveness, reaching out to program coordinators via contact emails or webinars is a good way to get your questions answered. The [California Grants Portal](#) and [California Financing Coordinating Committee Funding Fairs](#) can serve as resources to identify additional funding opportunities.

Questions can be asked of the [Watershed Coordinators](#) or the [Regional Coordination Team](#).



# FUNDING MEMO

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To:	Upper Los Angeles Watershed Area Steering Committee	From:	Safe, Clean Water Program Regional Coordination Team
Project:	Bowtie Demonstration Project	Date:	November 2, 2023
Project Lead:	The Nature Conservancy	Call for Projects Year:	Round 5 FY24-25
Watershed Area:	Upper Los Angeles River	Project Location:	2780 W Casitas Ave Los Angeles, CA 90039

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## Reference: Leverage Funding Memo for Bowtie Demonstration Project

Leveraged funding is a key program goal in the Safe, Clean Water Program Implementation Ordinance (Chapter 18.04). This and other Funding Memos are generated for all eligible newly submitted Safe, Clean Water Program Infrastructure Program projects in Round 5 FY24-25. The intent of this funding memo is to strengthen the identification of leverage funding sources and support WASCs in funding priorities and partial funding decisions. Below is a summary of the project benefits, overview of the funding request, potential sources of leverage funding for this project, and an assessment of funding competitiveness in those programs.

## PROJECT SUMMARY

The Project Application describes the proposed project in this way:

The Project is a multi-benefit storm water management and habitat enhancement demonstration project along the LA River.

## PROJECT BENEFITS

The Project claims to provide the following benefits, as copied verbatim from the Project Application:

- Water Quality: The project will address the watershed area's water quality needs by diverting dry-weather and partial wet-weather flows, treating the flows for metals, bacteria and organics via hydrodynamic separators, membrane filtration and a constructed wetland.
- Water Supply: Flows that are captured by the Project will be treated and be temporarily stored in the constructed wetland, or reused as irrigation, or released back into the Los Angeles County Flood Control District Storm Drain to outfall into the "Glendale Narrows" portion of the Los Angeles River. Reuse of treated runoff will reduce potable water needs that would otherwise be needed for any project establishing and maintaining native vegetation, which provides multiple benefits to surrounding communities and visitors to the site. Flows that are released back into the storm drain will outfall into the Los Angeles River where they will infiltrate through the soft bottom and replenish the San Fernando Valley Groundwater Basin.
- Park Space, Habitat, or Wetland Space: The project includes a designed wetland, which also creates habitat for wildlife and provides the community with increased access to nature.



- Public Access to Waterways: The project increases public access to the Los Angeles River. The project will also allow public access to the design wetland through the creation of hiking trails and board walks.
- Recreational Opportunities: This project includes the addition of hiking trails and boardwalks that visitors can use for recreational opportunities.
- Urban Heat & Shade: This project is proposing to add native trees to the project site that will increase shade canopies, add shade to the trails, and reduce the local heat island effect of the surrounding area.
- Shade & Vegetation: This project is proposing to increase the number of trees and vegetation at the project site, which is currently undeveloped.
- Disadvantaged Community Benefit: The Bowtie Demonstration project lies 400 feet southeast of a severely disadvantaged community census tract, where the median household income is less than 65% of the Statewide annual median household income, according to the California Department of Water Resources. Developed by the CalEPA, CalEnviroScreen scores represent a combined measure of pollution and the potential vulnerability of a population to the effects of pollution. The surrounding communities rank high in being vulnerable to pollution burden. Greater Cypress Park, Glassell Park, and Atwater Village are the three closest neighborhoods to the project and rank in the top 10% of CalEnviroScreen scores statewide. Across from the Los Angeles River, the Elysian Valley Riverside neighborhood rank in the top 25% of CalEnviroScreen scores statewide.

The population living within a half-mile of the Bowtie Parcel totals 5,061 residents, and within one-mile totals 28,829 residents. The percentage of people living in poverty within a half mile is 20.2%, similar to the countywide percentage of 22.3%, which is close to 60% more than the statewide percentage of 12.8% of Californians who live in poverty. There are 5.75 acres of open space within a half-mile of the project, which equates to only 1.13 acre of open space per 1,000 residents. Currently there is no safe way to access the riverfront within a half-mile on the northeast side of the river.

Both the Glassell Park Elementary School and the St. Bernard Elementary School lie within 2 miles of the project site and qualify as disadvantaged communities. At Glassell Park Elementary School, more than 90% of the students are on the Free/Reduced Lunch Program. Qualifying for this program requires a household income that is under 185% of the poverty threshold set by the Federal income poverty guidelines.

The urbanized communities within a mile of the Bowtie Parcel are experiencing urban heat, poor air quality and lack of open space. By increasing the amount of native vegetation and tree coverage in the area, the project will reduce local heat island effects and provide improved public access to open space.

This project will also provide water quality and community investment benefits by treating stormwater that is currently contributing to pollution in the Los Angeles River. By treating the stormwater with a wetland, the community will benefit from regulatory compliance and cleaner water downstream.

This project will include the creation of a wetland that will provide improved public access to waterways and recreational opportunities to residents in the nearby neighborhoods. The wetland



area will include various trails for monitoring and programming, as well as boardwalks and viewing platforms for residents to immerse themselves in nature.

## OVERVIEW OF FUNDING NEED FOR PROJECT

The Bowtie Demonstration Project is currently requesting \$376,402 of Safe, Clean Water Program Round 5 funding for FY24-25. The Project is tentatively requesting a total of \$1,833,790 of Safe, Clean Water funding through FY28-29 for Operations and Maintenance (O&M). The Project’s total cost, excluding O&M, is \$11,250,000 (Planning, Design, Bid/Award, and Construction)

The Project has not previously received Safe, Clean Water Program funding, but applied for funding in FY23-24.

As disclosed in the Project application, the Project Proponent has leveraged \$844,307 through funding from The Nature Conservancy.

- **Total SCW funding requested for FY24-25:** \$376,402
- **Total SCW funding awarded to date:** None
- **Total SCW funding requested:** \$1,833,790 (Infrastructure Program – O&M)
- **Total Infrastructure Project cost:** \$11,250,000 (Infrastructure Program – Planning, Design, Bid/Award, and Construction)
- **Cost share and/or existing funding already leveraged:** \$844,307

	Year 1 – Current Ask	Year 2	Year 3	Year 4	Year 5	Future Funds	Total Request
<b>Request</b>	\$376,402	\$375,953	\$349,933	\$356,933	\$375,280	\$ --	\$1,833,790
<b>Phase</b>	O&M	O&M	O&M	O&M	O&M	N/A	

### Status and schedule of project:

- **Date of completion of Project planning and design:** 09/2023
- **Anticipated date of completion of Project construction:** 12/2025

## FUNDING OPPORTUNITIES

The following funding/grant program opportunities align with the Bowtie Demonstration Project. Funding/grant program opportunities are categorized into topic areas based on the claimed project benefits in the Safe, Clean Water Program project application. Each funding/grant program listed includes an assessment of the project’s funding competitiveness in its description.

Funding competitiveness assessments will fall under three levels:

- **Strong:** The Project has a strong potential to be competitive for program funding. The Project provides numerous benefits and aligns strongly with the funding program’s goals and priorities.



- **Moderate:** The Project has a moderate potential to be competitive for program funding. The Project features some benefits that align with the funding program's focus.
- **Low:** The Project has a low potential to be competitive for program funding. The Project features a benefit that aligns with the funding program's focus but does not directly align with funding priorities.

## CLIMATE ADAPTATION

[United States' Environmental Protection Agency's Community Change Grant \(CCG\)](#) is the U.S. EPA's largest funding program coming out of the Inflation Reduction Act (IRA). Formerly referred to as the Environmental and Climate Justice Program, the CCG will invest funds in environmental and climate justice activities that benefit disadvantaged communities through projects that reduce pollution, increase community climate resilience, and build community capacity to respond to environmental and climate justice challenges. The program is intended to be flexible and fund projects that more holistically address climate justice. Community and stakeholder engagement, in addition to cross-sectoral partnerships, are embedded into the program design. There are two funding tracks: Multi-Projects (grant awards between \$10-20M) and Engagement-specific "Government Equity" projects (grant awards \$1-3M). Eligible entities include: 1) a community-based non-profit organization (CBO); 2) a partnership of CBOs; or 3) a partnership between a CBO and a Federally recognized tribe, a local government, or an institution of higher education. The CCG Notice of Funding Opportunity (NOFO) announcement is expected to be released in October 2023. The program will have a 12-month rolling application.

The Bowtie Demonstration Project has a **low potential** of being competitive for the U.S. EPA's CCG program. The Project's multi-benefits align with the CCG Program; however, as mentioned in the Safe, Clean Water Program application, the Project is requesting O&M funding. Although the CCG NOFO has not been released, currently available information has not discussed O&M as an eligible award cost.

## HABITAT RESTORATION

[California Wildlife Conservation Board \(WCB\) General Grant](#) funds planning, implementation, acquisition, technical assistance, and scientific studies projects that provide one or more of the following benefits: 1) protect or enhanced biodiversity; 2) climate change resiliency and connectivity; 3) support State Wildlife Action Plan priority habitats; 4) conserved or enhanced working landscapes; 5) conserved or enhanced water-related projects; or 6) enhanced public access. The application cycle is continuous, and it is recommended applicants first consult WCB staff prior to completing a Pre-Application. Award amounts vary based on current available funds and the application pool. Funding amounts are determined by the WCB voting board and grants manager. There is no cost-share requirement.

The Bowtie Demonstration Project has a **low potential** of being competitive for the WCB General Grant program. The Project's multi-benefits align with WCB's program; however, as mentioned in the Safe, Clean Water Program application, the Project is requesting O&M funding. O&M is not an eligible award cost.

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Funding programs change frequently. The above identified funding opportunities are initial recommendations, and further research should verify project-specific eligibility requirements, latest funding levels, and appropriate timelines. Use the links above to research these programs further. If you are unsure about your project eligibility or competitiveness, reaching out to program coordinators via





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contact emails or webinars is a good way to get your questions answered. The [California Grants Portal](#) and [California Financing Coordinating Committee Funding Fairs](#) can serve as resources to identify additional funding opportunities.

Questions can be asked of the [Watershed Coordinators](#) or the [Regional Coordination Team](#).



# FUNDING MEMO

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To:	Upper Los Angeles River Watershed Area Steering Committee	From:	Safe, Clean Water Program Regional Coordination Team
Project:	Green Street Demonstration Project on Main Street	Date:	December 7, 2023
Project Lead:	City of Alhambra	Call for Projects Year:	Round 5 FY24-25
Watershed Area:	Upper Los Angeles River	Project Location:	2799 W Main St. Alhambra, CA 91801

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## Reference: Leverage Funding Memo for Green Street Demonstration Project on Main Street

Leveraged funding is a key program goal in the Safe, Clean Water Program Implementation Ordinance (Chapter 18.04). This and other Funding Memos are generated for all eligible newly submitted Safe, Clean Water Program Infrastructure Program projects in Round 5 FY24-25. The intent of this funding memo is to strengthen the identification of leverage funding sources and support WASCs in funding priorities and partial funding decisions. Below is a summary of the project benefits, overview of the funding request, potential sources of leverage funding for this project, and an assessment of funding competitiveness in those programs.

## PROJECT SUMMARY

The Project Application describes the proposed project in this way:

The Green Street Demonstration Project on Main Street is in the City of Alhambra on Main Street between Hampden Terrace and North Fremont Avenue, as well as small portions of Grand Avenue and Birch Street north of Main Street. The Project is a first of its kind within the City of Alhambra and will provide multiple benefits to the neighborhood and the surrounding environment while also reducing stormwater runoff volumes and pollutant loads to receiving waters. The Project will beautify Main Street; reduce stormwater runoff volumes and pollutant loads; enhance open space, include native plantings and habitat; and demonstrate to the public the benefits of green infrastructure.

## PROJECT BENEFITS

The Project claims to provide the following benefits, as copied verbatim from the Project Application:

- Water Quality: The Project is expected to remove 93% of zinc loads in captured runoff annually. Additionally, trash was identified as a secondary pollutant of concern. The Project is expected to reduce trash loads in captured runoff by 100%.
- Water Supply: All stormwater runoff captured and treated by the Project will be infiltrated into the subsurface. The Project site is located within the Main San Gabriel Groundwater Basin, an unconfined aquifer. It is anticipated that infiltrated stormwater can replenish groundwater, providing water supply benefit. The Project is projected to infiltrate 18.72 acre-feet of treated



stormwater annually. Over the Project lifetime of 50 years, this amounts to 936 acre-feet of infiltrated stormwater.

- Park Space, Habitat, or Wetland Space: The Project is expected to create nearly 1 acre of new habitat and recreational space. In addition to the over 17,500 square feet of bioretention, over 35,000 square feet of grass lawn in the center medians will be replaced with native and xeriscape plants. The transition from a monoculture (grass lawn) landscape to one with a diversity of native plants will increase and enhance habitat for insects, birds, and other pollinators.
- Recreational Opportunities: Currently, the center medians are virtually unused by the community. While this area is not currently used as a park, the enhanced landscape provided by the Project will create park-like features and encourage the community to use it recreationally. The Project will add recreational gravel paths in the native and xeriscape landscape areas in the center median, allowing visitors to explore the landscape. Educational signage will be installed throughout the site to inform the public of Project benefits. A concrete sidewalk will be added next to the center median parking lane to assist with drivers exiting their vehicles, while providing access to the recreational paths. Additionally, ADA-accessible crosswalks will be added in the east and west direction to help pedestrians cross between median islands and navigate to the existing north-south crosswalk at Meridian Avenue. The existing crosswalk is currently not ADA-accessible. The Project will also improve the existing crosswalk at Meridian Avenue by providing ADA-accessible ramps, bioretention bulb outs to decrease crossing distance, and crossing signals to greatly improve pedestrian safety.
- Urban Heat & Shade: The Project will reduce the local heat island effect by replacing over 15,000 square feet of excess impervious surface with bioretention planting and native landscaping. In addition, approximately 40 street trees will be planted throughout the Project site. Half of these trees will be spaced along the southern edge of Main Street to provide shade for pedestrians. The other half will be planted throughout the bioretention and landscaped areas, increasing shade for those using the recreational paths.
- Shade & Vegetation: 35,000 square feet of grass lawn in the center medians will be replaced with native and xeriscape plants. A total of 58,000 square feet of new native planting will be provided by bioretention and landscaped areas. Approximately 40 street trees will be planted throughout the Project site. Half of these trees will be spaced along the southern edge of Main Street to provide shade for pedestrians. The other half will be planted throughout the bioretention and landscaped areas, increasing shade for those using the recreational paths.

## OVERVIEW OF FUNDING NEED FOR PROJECT

The Green Street Demonstration Project on Main Street is currently requesting \$985,000 of Safe, Clean Water Program Round 5 funding for FY24-25. The Project is tentatively requesting a total of \$2,027,000 of Safe, Clean Water funding through FY25-26 for Design and Construction. The Project's total capital cost is \$5,260,000.

The Project previously received \$300,000 in FY20-21 of Safe, Clean Water Program funding under the Technical Resources Program (TRP). The Project previously applied for Infrastructure Program funding in Round 4 (FY23-24) but was not awarded funding.

The Project Proponent has leveraged \$3,005,040 from California Natural Resources Agency's Urban Greening grant for construction.



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- **Total SCW funding requested for FY24-25:** \$985,000
- **Total SCW funding awarded to date:** \$300,000 (TRP)
- **Total SCW funding requested:** \$2,027,000 (Infrastructure Program – Design and Construction)
- **Total Infrastructure Project cost:** \$5,260,000 (Infrastructure Program – Planning, Design and Construction)
- **Cost share and/or existing funding already leveraged:** \$3,005,040

	Year 1 – Current Ask	Year 2	Year 3	Year 4	Year 5	Future Funds	Total Request
<b>Request</b>	\$985,000	\$1,042,000	\$ --	\$ --	\$ --	\$ --	\$2,027,000
<b>Phase</b>	Design	Construction	N/A	N/A	N/A	N/A	

Status and schedule of project:

- **Date of completion of Project planning and design:** 04/2025
- **Anticipated date of completion of Project construction:** 04/2026

## FUNDING OPPORTUNITIES

The following funding/grant program opportunities align with the Green Street Demonstration Project on Main Street. Funding/grant program opportunities are categorized into topic areas based on the claimed project benefits in the Safe, Clean Water Program project application. Each funding/grant program listed includes an assessment of the project’s funding competitiveness in its description.

Funding competitiveness assessments will fall under three levels:

- **Strong:** The Project has a strong potential to be competitive for program funding. The Project provides numerous benefits and aligns strongly with the funding program’s goals and priorities.
- **Moderate:** The Project has a moderate potential to be competitive for program funding. The Project features some benefits that align with the funding program’s focus.
- **Low:** The Project has a low potential to be competitive for program funding. The Project features a benefit that aligns with the funding program’s focus but does not directly align with funding priorities.

## URBAN GREENING

[Los Angeles County Regional Parks and Open Space District’s \(RPOSD\) County Neighborhood Parks and Healthy Communities, Urban Greening Program – Measure A Annual Allocations Grant Programs](#) funds planning and implementation projects that promote community-based park investments, neighborhood parks, healthy communities, and urban greening. Eligible projects must be located in a high-need or very-high-need study area as outlined in the County’s Parks Needs Assessment. Applications are rolling with no deadline. The annual allocations grant program is funded annually by 13 percent of the Measure A expenditure plan and is replenished each fall. There is no cost-share requirement.



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The Green Street Demonstration Project on Main Street has a ***moderate potential*** of securing funding through this program. The Project aligns with RPOSD urban greening goals and high park need funding priorities; however, RPOSD may be more likely to fund projects with more recreational aspects. According to RPOSD's Los Angeles Countywide Comprehensive Parks & Recreation Needs Assessment (2016), the Project location address is in the City of Alhambra, Study Area #82, and has a high park need.

## URBAN HEAT

[Integrated Climate Adaptation & Resiliency Program's \(ICARP\) Extreme Heat and Community Resilience Grant Program](#) funds planning and implementation projects that reduce the impacts of extreme heat and build community resilience. The Program will build frameworks for change and invest in local, regional, and tribal projects that strengthen communities that are vulnerable to heat. The ICARP program plans to award a total of \$36 million in grants for the first funding round, with 40% of total funds allocated to planning grants and 60% of total funds for implementation grants.

Draft Grant Guidelines were released on October 12, 2023, and the following information is subject to change in the Final Grant Guidelines. The ICARP Program's funding award amounts categories are: Small Planning Grants (\$100,000 and \$250,000), Large Planning Grants (\$300,000 and \$750,000), Small Implementation Grants (\$100,000 and \$450,000), and Large Implementation Grants (\$500,000 and \$5 million). No match funding is required. Implementation grants may fall under four tracks: Track A) Build Public Awareness and Notification, Track B) Strengthen Community Services and Response, Track C) Increase Resilience of Our Built Environment, and Track D) Utilize Nature-based Solutions.

The Green Street Project has a ***moderate potential*** to be competitive for this funding program, according to shade and vegetation benefits claimed by the Project Applicant. The Project aligns with Implementation Track D) Utilize Nature-based Solutions, which includes green stormwater infrastructure pilots.

## ACTIVE TRANSPORTATION

[California Transportation Commission's Active Transportation Program \(ATP\)](#) funds both infrastructure and non-infrastructure projects that promote increased use of active modes of transportation, such as biking and walking. The ATP program held a kick-off workshop on August 16, 2023 for the next round of funding (Cycle 7). More information on Cycle 7 is forthcoming.

The Green Street Demonstration Project on Main Street has a ***low potential*** of securing funding through this program. ATP funds are allocated to local Metropolitan Planning Organizations (MPO) in urban areas. Southern California Association of Governments (SCAG), the local MPO, is responsible for allocating funding to projects in its jurisdiction. Under ATP guidelines, SCAG must ensure a minimum 25% of its funds distributed benefit disadvantaged communities. As stated in the Safe, Clean Water Program Project Application, the Project does not claim benefits to disadvantaged communities. Additionally, the Project Application claims improvements to increase pedestrian safety, however these project aspects are minimal, thus positioning the project to be less competitive for the ATP program since it does not strongly align with the program's funding priorities.

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Funding programs change frequently. The above identified funding opportunities are initial recommendations, and further research should verify project-specific eligibility requirements, latest funding levels, and appropriate timelines. Use the links above to research these programs further. If you are unsure about your project eligibility or competitiveness, reaching out to program coordinators via contact emails or webinars is a good way to get your questions answered. The [California Grants Portal](#)



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and [California Financing Coordinating Committee Funding Fairs](#) can serve as resources to identify additional funding opportunities.

Questions can be asked of the [Watershed Coordinators](#) or the [Regional Coordination Team](#).



# FUNDING MEMO

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To:	Upper Los Angeles River Watershed Area Steering Committee	From:	Safe, Clean Water Program Regional Coordination Team
Project:	La Crescenta Avenue Green Street Improvement Project	Date:	November 2, 2023
Project Lead:	County of Los Angeles	Call for Projects Year:	Round 5 FY24-25
Watershed Area:	Upper Los Angeles River	Project Location:	4343 La Crescenta Avenue La Crescenta - Montrose, CA 91214

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## Reference: Leverage Funding Memo for La Crescenta Avenue Green Street Improvement Project

Leveraged funding is a key program goal in the Safe, Clean Water Program Implementation Ordinance (Chapter 18.04). This and other Funding Memos are generated for all eligible newly submitted Safe, Clean Water Program Infrastructure Program projects in Round 5 FY24-25. The intent of this funding memo is to strengthen the identification of leverage funding sources and support WASCs in funding priorities and partial funding decisions. Below is a summary of the project benefits, overview of the funding request, potential sources of leverage funding for this project, and an assessment of funding competitiveness in those programs.

## PROJECT SUMMARY

The Project Application describes the proposed project in this way:

The Project is part of a Los Angeles County Public Works road preservation project currently being proposed to improve road ride-ability and is scheduled to begin construction in early 2026. The project team recognized an opportunity to incorporate an additional project phase to include stormwater components that improve stormwater quality and increase local water supply. The project will divert dry weather and stormwater surface runoff into a series of infiltration drywells located within the roadway at two locations in the unincorporated neighborhoods of La Crescenta and Montrose. The project will also include above-ground improvements such as newly proposed trees, bioswales, and ADA access points.

## PROJECT BENEFITS

The Project claims to provide the following benefits, as copied verbatim from the Project Application:

- Water Quality: TMDL's identify pollutants of concerns and the water quality goals that must be met for each waterbody. This BMP project will serve to divert and filter waters from tributaries that can contribute such pollutants from reaching Arroyo Seco Channel and Los Angeles River. Additionally, this BMP will also contribute to Upper Los Angeles River (ULAR) EWMP associated structural BMP capacity goals and assist the County in addressing MS4 permit requirements for the Los Angeles River Metals and Bacteria TMDLs.



- **Water Supply:** The dry and wet weather runoff that will be infiltrated by this project will help increase water supply through the Verdugo Ground Water Basin. This project is expected to increase groundwater recharge by 40 acre-feet for an average annual year which can provide water for 80 families of four.
- **Flood Risk Mitigation:** The 85th percentile capture volume helps with localized flood risk.
- **Park Space, Habitat, or Wetland Space:** About 15,000 sf of new vegetation proposed will include native species that would create or improve habitat compared to existing pavement, pavers, and non-native vegetation to be replaced.
- **Urban Heat, Shade, and Vegetation:** 47 new trees proposed in the project will provide increased shading and reduce local heat island effects.

## OVERVIEW OF FUNDING NEED FOR PROJECT

The La Crescenta Avenue Green Street Improvement Project is currently requesting \$500,000 of Safe, Clean Water Program Round 5 funding for FY24-25. The Project is tentatively requesting a total of \$2,000,000 of Safe, Clean Water funding through FY26-27 for Design and Construction. The Project’s total cost is \$11,633,000 (Planning, Design, and Construction).

The Project previously applied for Safe, Clean Water Program funding in FY22-23, but was not awarded funding.

As disclosed in the Project application, the Project Proponent has leveraged a total of \$5,750,688–\$4,750,688 from municipal funds and \$1,000,000 from the Proposition 1 Integrated Regional Water Management Plan (IRMWP) grant.

- **Total SCW funding requested for FY24-25:** \$500,000
- **Total SCW funding awarded to date:** None
- **Total SCW funding requested:** \$2,000,000 (Infrastructure Program – Design and Construction)
- **Total Infrastructure Project cost:** \$11,633,000 (Infrastructure Program – Planning, Design, Construction)
- **Cost share and/or existing funding already leveraged:** \$5,750,688

	Year 1 – Current Ask	Year 2	Year 3	Year 4	Year 5	Future Funds	Total Request
<b>Request</b>	\$500,000	\$750,000	\$750,000	\$ --	\$ --	\$ --	\$2,000,000
<b>Phase</b>	Design	Construction	Construction	N/A	N/A	N/A	

Status and schedule of project:

- **Date of completion of Project planning and design:** 04/2025
- **Anticipated date of completion of Project construction:** 12/2026





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## FUNDING OPPORTUNITIES

The following funding/grant program opportunities align with the La Crescenta Avenue Green Street Improvement Project. Funding/grant program opportunities are categorized into topic areas based on the claimed project benefits in the Safe, Clean Water Program project application. Each funding/grant program listed includes an assessment of the project's funding competitiveness in its description.

Funding competitiveness assessments will fall under three levels:

- **Strong:** The Project has a strong potential to be competitive for program funding. The Project provides numerous benefits and aligns strongly with the funding program's goals and priorities.
- **Moderate:** The Project has a moderate potential to be competitive for program funding. The Project features some benefits that align with the funding program's focus.
- **Low:** The Project has a low potential to be competitive for program funding. The Project features a benefit that aligns with the funding program's focus but does not directly align with funding priorities.

## URBAN HEAT

[Integrated Climate Adaptation & Resiliency Program's \(ICARP\) Extreme Heat and Community Resilience Grant Program](#) funds planning and implementation projects that reduce the impacts of extreme heat and build community resilience. The Program will build frameworks for change and invest in local, regional, and tribal projects that strengthen communities that are vulnerable to heat. The ICARP program plans to award a total of \$36 million in grants for the first funding round, with 40% of total funds allocated to planning grants and 60% of total funds for implementation grants.

Draft Grant Guidelines were released on October 12, 2023, and the following information is subject to change in the Final Grant Guidelines. The ICARP Program's funding award amounts categories are: Small Planning Grants (\$100,000 and \$250,000), Large Planning Grants (\$300,000 and \$750,000), Small Implementation Grants (\$100,000 and \$450,000), and Large Implementation Grants (\$500,000 and \$5 million). No match funding is required. Implementation grants may fall under four tracks: Track A) Build Public Awareness and Notification, Track B) Strengthen Community Services and Response, Track C) Increase Resilience of Our Built Environment, and Track D) Utilize Nature-based Solutions.

The La Crescenta Green Street Improvement Project has a **moderate potential** to be competitive for this funding program, according to shade and vegetation benefits claimed by the Project Applicant. The Project aligns with Implementation Track D) Utilize Nature-based Solutions, which includes green stormwater infrastructure pilots.

## FLOOD RISK MITIGATION

[California Department of Water Resources' \(DWR\) Urban Streams Restoration Program \(USRP\)](#) funds projects to restore streams impacted by urban development to a more nature state. Project types include stream cleanups, bank stabilization projects, revegetation, recontouring of channels to improve floodplain functions and localized flood protection, acquisition of strategic floodplain properties. Grant administration for the USRP is now combined with the [Riverine Stewardship Program](#); however, each program has separate grant guidelines. The USRP funds projects across California. A major objective of the USRP is community engagement and support. Grant applications must have two applicants: one local public agency or non-profit organization and one local community group. There is a 20%, non-state



# FUNDING MEMO

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source, cost share requirement for projects funded with Proposition 68 funds. The cost share requirement may be waived for disadvantaged communities.

The La Crescenta Avenue Green Streets Improvement Project has a ***low potential*** to be competitive for the USRP. The Project's flood risk mitigation benefits claimed in the Safe, Clean Water application align with DWR's grant program's focus; however, this grant program requires two applicants, including one that is a local community group. The USRP requires significant outreach before and after the project is completed. Given the Project's Safe, Clean Water Project Application and current project phase, this program may be potentially competitive if more engagement and outreach is conducted.

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Funding programs change frequently. The above identified funding opportunities are initial recommendations, and further research should verify project-specific eligibility requirements, latest funding levels, and appropriate timelines. Use the links above to research these programs further. If you are unsure about your project eligibility or competitiveness, reaching out to program coordinators via contact emails or webinars is a good way to get your questions answered. The [California Grants Portal](#) and [California Financing Coordinating Committee Funding Fairs](#) can serve as resources to identify additional funding opportunities.

Questions can be asked of the [Watershed Coordinators](#) or the [Regional Coordination Team](#).



# FUNDING MEMO

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To:	Upper Los Angeles River Watershed Area Steering Committee	From:	Safe, Clean Water Program Regional Coordination Team
Project:	LA River Green Infrastructure Project	Date:	November 2, 2023
Project Lead:	City of Los Angeles, Department of Public Works, LA Sanitation and Environment (LASAN)	Call for Projects Year:	Round 5 FY24-25
Watershed Area:	Upper Los Angeles River	Project Location:	21401 W. Vanowen St Los Angeles, CA 91303

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## Reference: Leverage Funding Memo for LA River Green Infrastructure Project

Leveraged funding is a key program goal in the Safe, Clean Water Program Implementation Ordinance (Chapter 18.04). This and other Funding Memos are generated for all eligible newly submitted Safe, Clean Water Program Infrastructure Program projects in Round 5 FY24-25. The intent of this funding memo is to strengthen the identification of leverage funding sources and support WASCs in funding priorities and partial funding decisions. Below is a summary of the project benefits, overview of the funding request, potential sources of leverage funding for this project, and an assessment of funding competitiveness in those programs.

## PROJECT SUMMARY

The Project Application describes the proposed project in this way:

The project includes three site locations located in the Canoga Park, Winnetka, Tarzana, and Reseda neighborhoods in the San Fernando Valley. The project site extends approximately 3.1 miles along the LA River. The project will capture and treat dry weather runoff, improving the water quality of the LA River by removing bacteria, trash, and secondary pollution. The project will benefit residents by providing safe, clean access to the LA River recreation areas and surrounding neighborhoods. It is part of a larger compliance strategy to not only improve water quality, but also provide environmental, aesthetic, recreational, water supply, and other community enhancements. Key features of the project include bioswales, tree wells, and low flow diversions to the sanitary sewer.

## PROJECT BENEFITS

The Project claims to provide the following benefits, as copied verbatim from the Project Application:

- Water Quality: In order to meet the goal of improving the water quality, this Project will implement BMPs at three different collection points along the Project site, effectively targeting areas that have the high concentration of pollutants, especially bacteria. By reducing dry weather discharges of water with bacteria to the LA River, the Project will help the City create a pathway to compliance with regulatory requirements (“Los Angeles River Watershed Bacteria TMDL”). The Project’s key strategic designs will reduce runoff, diverting low flows of water, and improving



water quality by filtering pollutants in the subsurface soil layers. Implementation methods for dry weather includes the installation of the following:

- Bioswales: Vegetated sections of land will be installed that uses plants to capture sediment, reduce surface runoff of water, and biologically degrade pollutants. These bioswales will be installed with natural plantings and trees along the streets in these neighborhoods. California-friendly trees and landscaping will improve air quality through natural processes.
- Tree wells will be installed which allow for water infiltration through soils. The well creates a healthy environment for the tree and its roots by allowing air, water, and nutrients to reach the tree roots below ground.
- Dry weather diversion systems will divert polluted dry weather runoff to the sanitary sewer system for treatment and reuse.

The Project will help meet the main objectives which are:

- Improve water quality in the LA River by removing bacteria, trash, and secondary pollutants.
  - Help protect habitat and recreational uses in the LA River.
  - Increase water supply to the Donald C. Tillman Water Reclamation Plant
  - Redefine the aesthetic character through the addition of bioswales and provide greener routes for pedestrians and bicyclists.
  - Help the City achieve compliance with the TMDL requirements.
- Water Supply: The Project will incorporate nature-based solutions, including 50 new street trees and 3,528 SF of parkway bioswales with native plants, and 3 low flow diversions (near the LA River at Canoga Ave, DeSoto Ave, and Wilbur Ave) to treat and divert dry weather runoff. The Project will improve water quality and supply, minimize surface runoff, promote water conservation through the use of drought-resistant/native plants, and treat runoff to protect the LA River and other local bodies of water from contamination. The Project will capture and treat 210.3 acre-feet per year of dry weather runoff. The runoff will be diverted for recycling and increase water supply to the Donald C. Tilman Water Reclamation Plant. The recycled water can be used to offset potable water use for irrigation and other uses.
- Park Space, Habitat, or Wetland Space: The Project will improve water quality within the LA River and its recreation areas, including the Sepulveda Basin Recreation Area directly downstream from the Project. The enhancement of the water quality within the Sepulveda Basin Recreation Area will also encourage communities of insects, birds, and other animals to frequent the Recreation Area. The addition of 50 new trees and 3,528 SF with California native plants will provide a more pleasing aesthetic and be appealing areas for the public, but more importantly, it will help the public to connect more with each other and with nature because the birds and beneficial insects will congregate to the area. Overall improvements to the LA River and the Recreation Area will also benefit the community at large.
- Public Access to Waterways: The Project will include bioswales and street trees along access routes to the LA River, improving the public's safety and access to the river and its recreation areas.
- Recreational Opportunities: The Project will enhance the recreational opportunities for the public within the LA River, including at the Sepulveda Basin Recreation Area, and add educational features.
- Urban Heat & Shade: The Project's landscaping elements including 50 additional trees in conjunction with the 3,528 SF bioswale features will provide additional shade and help reduce the



heat island effect, reducing the temperature of shaded surfaces by up to 20-45°F cooler than the peak temperatures of unshaded materials. Reference: Akbari, H., D. Kurn, et al. 1997. Peak Power and Cooling Energy Savings of Shade Trees. Available in: Energy and Buildings, pages 139-148.

- Shade & Vegetation: The Project will add 50 new trees and 3,528 SF new California native vegetation which will aid in carbon sequestration and improve air quality through the natural processes of plant respiration and photosynthesis. The new trees will also remove over 404 pounds of air pollutants including ozone, sulfur dioxide, and nitrogen dioxide. Reference: The Architects Newspaper, Fred Bernstein July 10, 2017 Are trees' ability to sequester carbon a sustainability myth? (archpaper.com) accessed June 2022.
- Disadvantaged Community Benefit: The Project is located within and adjacent to multiple disadvantaged communities. Residents of these communities will have the opportunity to enjoy the community benefits provided by this Project. The Project will capture and treat dry weather runoff before it reaches the LA River, greatly benefiting residents by providing safe, clean access to the LA River recreational areas. The Project will directly benefit disadvantaged communities by adding greener spaces to local streets. The addition of trees and greening will create additional shade, improved air quality, and a reduction in the Heat Island Effect. Greening along streets going to the LA River will enhance the appearance of the neighborhood and encourage the community to use the LA River for healthy recreational activities, including walking, jogging, and bicycling.

## OVERVIEW OF FUNDING NEED FOR PROJECT

The LA River Green Infrastructure Project is currently requesting \$938,214 of Safe, Clean Water Program Round 5 funding for FY24-25. The Project is tentatively requesting a total of \$17,053,812 of Safe, Clean Water funding through FY28-29 for Planning, Design, Construction, O&M, and Monitoring. The Project's total cost, as calculated in the project application, is \$19,819,109 (Planning, Design, Construction, and Monitoring).

The Project has not previously received Safe, Clean Water Program funding. The Project previously applied for funding in FY22-23.

As disclosed in the Project application, the Project Proponent has leveraged \$3,167,388 from municipal funds.

- **Total SCW funding requested for FY24-25:** \$938,214
- **Total SCW funding awarded to date:** None
- **Total SCW funding requested:** \$17,053,812 (Infrastructure Program – Planning, Design, Construction, O&M, Monitoring)
- **Total Infrastructure Project cost, as calculated in the Project Application:** \$19,819,109 (Infrastructure Program - Planning, Design, Construction, and Monitoring).
- **Cost share and/or existing funding already leveraged:** \$3,167,388



# FUNDING MEMO

	Year 1 – Current Ask	Year 2	Year 3	Year 4	Year 5	Future Funds	Total Request
<b>Request</b>	\$938,214	\$1,340,306	\$4,467,683	\$4,802,759	\$5,504,850	\$ --	\$17,053,812
<b>Phase</b>	Planning	Design	Construction	Design, Construction	Design, Construction, O&M, Monitoring	N/A	

Status and schedule of project:

- **Date of completion of Project planning and design:** 12/2026
- **Anticipated date of completion of Project construction:** 12/2028

## FUNDING OPPORTUNITIES

The following funding/grant program opportunities align with the LA River Green Infrastructure Project. Funding/grant program opportunities are categorized into topic areas based on the claimed project benefits in the Safe, Clean Water Program project application. Each funding/grant program listed includes an assessment of the project’s funding competitiveness in its description.

Funding competitiveness assessments will fall under three levels:

- **Strong:** The Project has a strong potential to be competitive for program funding. The Project provides numerous benefits and aligns strongly with the funding program’s goals and priorities.
- **Moderate:** The Project has a moderate potential to be competitive for program funding. The Project features some benefits that align with the funding program’s focus.
- **Low:** The Project has a low potential to be competitive for program funding. The Project features a benefit that aligns with the funding program’s focus but does not directly align with funding priorities.

## HABITAT RESTORATION

[California Wildlife Conservation Board \(WCB\) General Grant](#) funds planning, implementation, acquisition, technical assistance, and scientific studies projects that provide one or more of the following benefits: 1) protect or enhanced biodiversity; 2) climate change resiliency and connectivity; 3) support State Wildlife Action Plan priority habitats; 4) conserved or enhanced working landscapes; 5) conserved or enhanced water-related projects; or 6) enhanced public access. The application cycle is continuous, and it is recommended applicants first consult WCB staff prior to completing a Pre-Application. Award amounts vary based on current available funds and the application pool. Funding amounts are determined by the WCB voting board and grants manager. There is no cost-share requirement.

The LA River Green Infrastructure Project has a **high potential** to be competitive for the WCB General Grant. As claimed in the Safe, Clean Water Program application, the Project aligns with WCB program



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priorities that benefit wildlife, connectivity, and enhanced public access. The WCB General Grant additionally funds both planning and implementation projects, which align with the Project's current funding request for the Safe, Clean Water Program.

## VEGETATION

[California Department of Water Resources' \(DWR\) Urban Streams Restoration Program \(USRP\)](#) funds projects to restore streams impacted by urban development to a more natural state. Project types include stream cleanups, bank stabilization projects, revegetation, recontouring of channels to improve floodplain functions and localized flood protection, acquisition of strategic floodplain properties. Grant administration for the USRP is now combined with the [Riverine Stewardship Program](#); however, each program has separate grant guidelines. The USRP funds projects across California. A major objective of the USRP is community engagement and support. Grant applications must have two applicants: one local public agency or non-profit organization and one local community group. There is a 20%, non-state source, cost share requirement for projects funded with Proposition 68 funds. The cost share requirement may be waived for disadvantaged communities.

The LA River Green Infrastructure Project has a ***moderate potential*** to be competitive for the USRP. The Project's vegetation and disadvantaged community benefits claimed in the Safe, Clean Water application align with DWR's grant program's focus; however, this grant program requires two applicants, including one that is a local community group. As the Project currently stands, there is a moderate competitive potential. The USRP requires significant outreach before and after the project is completed. Given the Project's Safe, Clean Water Project Application and current project phase, this program may be potentially competitive if more engagement and outreach is conducted.

## URBAN HEAT

[Integrated Climate Adaptation & Resiliency Program's \(ICARP\) Extreme Heat and Community Resilience Grant Program](#) funds planning and implementation projects that reduce the impacts of extreme heat and build community resilience. The Program will build frameworks for change and invest in local, regional, and tribal projects that strengthen communities that are vulnerable to heat. The ICARP program plans to award a total of \$36 million in grants for the first funding round, with 40% of total funds allocated to planning grants and 60% of total funds for implementation grants.

Draft Grant Guidelines were released on October 12, 2023, and the following information is subject to change in the Final Grant Guidelines. The ICARP Program's funding award amounts categories are: Small Planning Grants (\$100,000 and \$250,000), Large Planning Grants (\$300,000 and \$750,000), Small Implementation Grants (\$100,000 and \$450,000), and Large Implementation Grants (\$500,000 and \$5 million). No match funding is required. Implementation grants may fall under four tracks: Track A) Build Public Awareness and Notification, Track B) Strengthen Community Services and Response, Track C) Increase Resilience of Our Built Environment, and Track D) Utilize Nature-based Solutions.

The LA River Green Infrastructure Project has a ***moderate potential*** to be competitive according to shade and vegetation benefits claimed by the Project Applicant. The Project aligns with Implementation Track D) Utilize Nature-based Solutions.



# FUNDING MEMO

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Funding programs change frequently. The above identified funding opportunities are initial recommendations, and further research should verify project-specific eligibility requirements, latest funding levels, and appropriate timelines. Use the links above to research these programs further. If you are unsure about your project eligibility or competitiveness, reaching out to program coordinators via contact emails or webinars is a good way to get your questions answered. The [California Grants Portal](#) and [California Financing Coordinating Committee Funding Fairs](#) can serve as resources to identify additional funding opportunities.

Questions can be asked of the [Watershed Coordinators](#) or the [Regional Coordination Team](#).





# FUNDING MEMO

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To:	Upper Los Angeles River	From:	Safe, Clean Water Program Regional Coordination Team
Project:	Osborne Street Stormwater Capture Green Street Project	Date:	December 7, 2023
Project Lead:	City of Los Angeles Bureau of Street Services (StreetsLA)	Call for Projects Year:	Round 5 FY24-25
Watershed Area:	Upper Los Angeles River	Project Location:	Osborne Street Los Angeles, CA 91331

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## Reference: Leverage Funding Memo for Osborne Street Stormwater Capture Green Street Project

Leveraged funding is a key program goal in the Safe, Clean Water Program Implementation Ordinance (Chapter 18.04). This and other Funding Memos are generated for all eligible newly submitted Safe, Clean Water Program Infrastructure Program projects in Round 5 FY24-25. The intent of this funding memo is to strengthen the identification of leverage funding sources and support WASCs in funding priorities and partial funding decisions. Below is a summary of the project benefits, overview of the funding request, potential sources of leverage funding for this project, and an assessment of funding competitiveness in those programs.

## PROJECT SUMMARY

The Project Application describes the proposed project in this way:

The Osborne Street Stormwater Capture Green Street Project (Project) will implement stormwater improvements alongside active transportation improvements in the East San Fernando Valley to provide water quality benefits and community investment benefits as well as improving public safety and access to key locations. The Project prioritizes livability and safety within a disadvantaged community, and proposes to create a connected, complete street between transportation options, neighborhood destinations, open spaces, waterways, and trails. The stormwater improvements will include subsurface infiltration to fully capture the water quality design storm from a 122-acre drainage area, as well as a combination of greening elements like bioretention planters, tree wells, and reduction of impervious surfaces to provide shade and cooling along the 1.7-mile stretch of Osborne Street. Water supply benefits will be achieved through recharge to the underlying San Fernando Valley Groundwater Basin. The Project adds six of the identified community investment benefits. The proposed enhancements are expected to add capacity to the existing storm drain network while removing pollutants from runoff; provide safe pathways for pedestrians and bicyclists; add vegetated surface best management practices (BMPs), trees, and shade canopy; and add recreational space to an area designated as high park need by the Los Angeles County Department of Parks and Recreation.

## PROJECT BENEFITS

The Project claims to provide the following benefits, as copied verbatim from the Project Application:



- Water Quality: The Project will intercept and divert wet weather stormwater runoff from a 122-acre drainage area through pretreatment facilities to a series of drywells for infiltration, which will remove pollutants and help reduce pollutant loading. Additional capture and infiltration of urban runoff will take place by converting a significant area of concrete and asphalt surfaces to vegetated planters, or bioswales where feasible. Runoff in the immediate Project area will be diverted into these pervious features. By treating and infiltrating the stormwater and nuisance runoff, the impacts of associated pollutants will be mitigated in the downstream receiving waters.
- Water Supply: On an annual average basis, the proposed Project will capture and infiltrate approximately 96.7 acre-feet of dry and wet weather flows, which will eventually reach the underlying aquifer and supplement this source of water supply.
- Flood Risk Mitigation: The addition of drywells will enhance flood control management by adding total system capacity and hence benefiting the existing downstream storm drain network. According to the hydrologic analysis described in Section 3, the Project is anticipated to reduce peak discharge by up to 11.95 cfs of any given storm event. Furthermore, the addition of pervious areas and bioswales will further help reduce the volume and improve water quality of stormwater runoff from the capture area.
- Park Space, Habitat, or Wetland Space: The Project is in an area of high park needs per the LA County Department of Parks and Recreation's needs assessment. The construction of 130,766 sq-ft of bioretention planters, vegetated areas, and tree wells will enhance habitats for wildlife and beneficial insects. Approximately 4,500 native, drought-tolerant, and raingarden- appropriate plants will be installed. Example landscape plans for the bioretention planters and tree filter cells have been included as an attachment. New trees will be planted in the project area.
- Public Access to Waterways: The Project will provide an accessible, safer route for many residents to walk and bike to and from the Hansen Dam Recreation Area.
- Recreational Opportunities: Osborne Street currently does not have a protected bike lane and only has a sidewalk along the north side of the corridor. The active transportation improvements will provide new, raised bike lanes and walkways on both sides of the street, improving safety and encouraging walking and cycling. The bike lanes and sidewalk will be separated from the traffic lanes by multiple strips of vegetated areas along the entire corridor, where new trees will be planted.
- Urban Heat & Shade: Osborne Street has very little tree canopy and shaded areas due to lack of parkways and a wide right-of-way between from edge to edge (approximately 90' across) that is mostly covered in concrete or asphalt. Currently there are only 75 existing street trees along the project site. This leads to higher temperatures along the streets and negatively impacts the quality of life for the residents of the community. As a part of this project, landscape plans include an additional 250 trees and 130,766 square feet of new native shrubs and grasses in new parkways. Adding so many new trees and native plants, along with removal of impervious surfaces will help mitigate the urban heat island effect felt along the corridor.
- Shade & Vegetation: The Project aims to add 250 new trees to help provide shade to the sidewalk, bike lanes, and storefronts. The new trees will increase the shade canopy by approximately 78,500 square feet. The added tree canopy and native vegetation is anticipated to sequester approximately 2,865 lbs of CO<sub>2</sub> per year (assuming 955 lb CO<sub>2</sub>/ac/yr).
- Disadvantaged Community Benefit: Based on feedback provided at over 20 outreach events conducted for the Osborne Street Path to Park Access Project, the community identified major



concerns along Osborne Street regarding traffic safety and a lack of a continuous sidewalk, protected bike lanes, and street crossings. There were also numerous complaints about lack of shade along the corridor. To address these issues, this Project will help provide safer transportation and green space benefits. New protected bike lanes and sidewalks will increase cyclist and pedestrian safety and encourage more active transportation. Green stormwater features will provide shade and cooling, while also helping to manage stormwater runoff, prevent flooding, and provide water quality benefits. Addition of green space and trees throughout the corridor will reduce local urban heat island effect and provide physical and mental health benefits. The stormwater and transportation improvements are adjacent to seven [disadvantaged community] Census Block Groups per the Safe Clean Water Program Spatial Data Library. The summative population of these Census Block Groups is 11,220 people. The Project will provide these same benefits to many others in [disadvantaged communities] in the surrounding area who live, work, or commute along the Osborne Street Corridor.

## OVERVIEW OF FUNDING NEED FOR PROJECT

The Osborne Street Stormwater Capture Green Street Project is currently requesting \$150,000 of Safe, Clean Water Program Round 5 funding for FY24-25. The Project is tentatively requesting a total of \$9,500,000 of Safe, Clean Water funding through FY27-28 for Planning, Design, and Construction. The Project’s total cost is \$17,204,800.

The Project has not previously received Safe, Clean Water Program funding.

The Project Proponent has leveraged \$7,705,000. The City of Los Angeles was awarded a \$4,877,400 Active Transportation Program Caltrans grant and leveraged \$2,827,6000 from municipal funds.

- **Total SCW funding requested for FY24-25:** \$150,000
- **Total SCW funding awarded to date:** None
- **Total SCW funding requested:** \$9,500,000 (Infrastructure Program Planning, Design, and Construction)
- **Total Infrastructure Project cost:** \$17,204,800 (Infrastructure Program – Planning, Design, and Construction)
- **Cost share and/or existing funding already leveraged:** \$7,705,000

	Year 1 – Current Ask	Year 2	Year 3	Year 4	Year 5	Future Funds	Total Request
<b>Request</b>	\$150,000	\$1,194,780	\$3,262,088	\$ 4,893,132	\$ --	\$ --	\$9,500,000
<b>Phase</b>	Planning	Design	Construction	Construction	N/A	N/A	

### Status and schedule of project:

- **Date of completion of Project planning and design:** 06/2026
- **Anticipated date of completion of Project construction:** 06/2028



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## FUNDING OPPORTUNITIES

The following funding/grant program opportunities align with the Osborne Street Stormwater Capture Green Street Project. Funding/grant program opportunities are categorized into topic areas based on the claimed project benefits in the Safe, Clean Water Program project application. Each funding/grant program listed includes an assessment of the project's funding competitiveness in its description.

Funding competitiveness assessments will fall under three levels:

- **Strong:** The Project has a strong potential to be competitive for program funding. The Project provides numerous benefits and aligns strongly with the funding program's goals and priorities.
- **Moderate:** The Project has a moderate potential to be competitive for program funding. The Project features some benefits that align with the funding program's focus.
- **Low:** The Project has a low potential to be competitive for program funding. The Project features a benefit that aligns with the funding program's focus but does not directly align with funding priorities.

## URBAN GREENING AND OPEN SPACE

### [Los Angeles County Regional Parks and Open Space District's County Neighborhood Parks and Healthy Communities, Urban Greening Program – Measure A Annual Allocations Grant Programs](#)

funds planning and implementation projects that promote community-based park investments, neighborhood parks, healthy communities, and urban greening. Eligible projects must be located in a high-need or very-high-need study area as outlined in the County's Parks Needs Assessment. Applications are rolling with no deadline. The program is funded annually by 13 percent of the Measure A expenditure plan and is replenished each fall. There is no cost-share requirement.

The Osborne Street Stormwater Capture Green Street Project has a **strong potential** to be competitive for this funding program given its multi-benefit scope, implementing nature-based solutions and promoting active transportation. The Project aligns with urban greening and healthy communities grant program objectives. According to the Safe, Clean Water project application, the Project is located in a study area with high park needs and meets the eligible applicant criteria.

## URBAN HEAT

[Integrated Climate Adaptation & Resiliency Program's \(ICARP\) Extreme Heat and Community Resilience Grant Program](#) funds planning and implementation projects that reduce the impacts of extreme heat and build community resilience. The Program will build frameworks for change and invest in local, regional, and tribal projects that strengthen communities that are vulnerable to heat. The ICARP program plans to award a total of \$36 million in grants for the first funding round, with 40% of total funds allocated to planning grants and 60% of total funds for implementation grants.

Draft Grant Guidelines were released on October 12, 2023, and the following information is subject to change in the Final Grant Guidelines. The ICARP Program's funding award amounts categories are: Small Planning Grants (\$100,000 and \$250,000), Large Planning Grants (\$300,000 and \$750,000), Small Implementation Grants (\$100,000 and \$450,000), and Large Implementation Grants (\$500,000 and \$5 million). No match funding is required. Implementation grants may fall under four tracks: Track A) Build Public Awareness and Notification, Track B) Strengthen Community Services and Response, Track C) Increase Resilience of Our Built Environment, and Track D) Utilize Nature-based Solutions.



# FUNDING MEMO

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The Osborne Street Stormwater Capture Project has a ***moderate potential*** to be competitive for this funding program, according to shade and vegetation benefits claimed by the Project Applicant. The Project aligns with Implementation Track D) Utilize Nature-based Solutions, which includes green stormwater infrastructure projects.

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Funding programs change frequently. The above identified funding opportunities are initial recommendations, and further research should verify project-specific eligibility requirements, latest funding levels, and appropriate timelines. Use the links above to research these programs further. If you are unsure about your project eligibility or competitiveness, reaching out to program coordinators via contact emails or webinars is a good way to get your questions answered. The [California Grants Portal](#) and [California Financing Coordinating Committee Funding Fairs](#) can serve as resources to identify additional funding opportunities.

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# FUNDING MEMO

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To:	Upper Los Angeles River Watershed Area Steering Committee	From:	Safe, Clean Water Program Regional Coordination Team
Project:	Sun Valley Green Neighborhood Infrastructure Project	Date:	November 2, 2023
Project Lead:	City of Los Angeles, Department of Public Works LA Sanitation and Environment (LASAN)	Call for Projects Year:	Round 5 FY24-25
Watershed Area:	Upper Los Angeles River	Project Location:	Valerio St and Case Ave. Sun Valley, CA 91352

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## Reference: Leverage Funding Memo for Sun Valley Green Neighborhood Infrastructure Project

Leveraged funding is a key program goal in the Safe, Clean Water Program Implementation Ordinance (Chapter 18.04). This and other Funding Memos are generated for all eligible newly submitted Safe, Clean Water Program Infrastructure Program projects in Round 5 FY24-25. The intent of this funding memo is to strengthen the identification of leverage funding sources and support WASCs in funding priorities and partial funding decisions. Below is a summary of the project benefits, overview of the funding request, potential sources of leverage funding for this project, and an assessment of funding competitiveness in those programs.

## PROJECT SUMMARY

The Project Application describes the proposed project in this way:

This Project proposes the implementation of green street elements such as drywells, to increase water supply, improve water quality, and mitigate flood risk. The objective of this Project is to improve water quality and increase water supply in Sun Valley and within the Upper Los Angeles River (ULAR) Watershed.

## PROJECT BENEFITS

The Project claims to provide the following benefits, as copied verbatim from the Project Application:

- Water Quality: Modeling was performed to quantify necessary load reductions to achieve the milestones. Based on these load reduction targets, a pollutant reduction plan was established that outlines the types and sequencing of BMPs for each jurisdiction to achieve milestones according to the schedule. The limiting pollutant in the ULAR EWMP was determined to be zinc. Reductions of zinc during EWMP implementation are expected to drive reduction of other pollutants by emphasizing sediment control and retention/infiltration.

The Project will result in a reduction of 80 percent of the primary pollutant. Trash is selected as the secondary pollutant to address the Los Angeles River Watershed Trash TMDL. The project will achieve 85 percent reduction of trash during the 85th percentile, 24-hour storm.



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- Water Supply: The project overlies the San Fernando Groundwater Basin and will provide additional supply to the cities that rely on the basin for supply. The preliminary geotechnical investigation measured an infiltration rate of 4.5 in/hr. The Project will add approximately 189.9 AFY to the local groundwater supply, which can be withdrawn at a later date and provide beneficial use. This Project is a crucial groundwater recharge project proposed to help augment the local groundwater supply and reduce the reliance on imported water.
  - Flood Risk Mitigation: The project area was visited on February 13, 2023 by the Project Team in an exploratory effort led by LASAN staff. The team examined areas that have historically experienced flooding and streets nearby that had the potential for green element implementation (see Section 5.2, Attachment 2 for details on the Field Investigation). With the addition of storage and infiltration via drywells, the project is expected to reduce runoff from surface streets and mitigate localized flooding during rain events.
  - Park Space, Habitat, or Wetland Space: This Project will enhance and restore habitat with the proposed green street elements and California-friendly vegetation throughout the project area. The Drought Tolerant Garden Los Angeles County Handbook will be utilized during the design phase to determine types of California-friendly vegetation and plants to be considered. Green street elements such as possible vegetated medians, vegetation landscape boxes in parkways, and 35 new street trees would be included throughout the watershed. These elements will provide space for flora and fauna as well as provide improved aesthetics for passive recreation such as running or walking through the neighborhood.
  - Recreational Opportunities: The green street elements such as vegetated medians, vegetated landscape boxes in parkways, and new trees are expected to improve recreational opportunities in the neighborhood, inviting more running and walking in the area. Educational signage will be added to provide passersby opportunities to learn about the environment, the water cycle, and how green street elements work in increasing water supply and water quality.
  - Green Spaces at Schools: Sun Valley Middle School is located within the Project area. This Project proposes to implement green street elements along portions of the sidewalks surrounding the school. These green street elements will provide increased shade and improved aesthetics for students walking to and from school.
  - Urban Heat, Shade, and Vegetation: Additional trees (approximately 35) included throughout the project area will reduce localized heat island effect, especially at tree maturity. Shaded surfaces can see a reduction in temperature by up to 20 to 45 degrees cooler than the peak temperatures of unshaded materials (U.S. Environmental Protection Agency [EPA], 2021). These green street elements, including the additional 2,000 sf of bioswales are expected to lead to greater carbon reduction and sequestration and improve air quality.
  - Disadvantaged Community Benefit: The Project would benefit the disadvantaged community by providing educational opportunities for members of the community to learn about stormwater and water resources. Benefits from approximately 35 new California-friendly, drought-tolerant trees and added vegetation would include additional shade, improved air quality, and a reduction in heat island effect. The Project would also provide water quality benefits by reducing pollutants within the Project area which is also located in a disadvantaged community. Community investments included in the Project include six of the seven SCW Program defined community investments (improved flood risk mitigation, enhanced habitat, enhanced recreational opportunities, greening of schools, reduced heat island effect, and increased shade).



## OVERVIEW OF FUNDING NEED FOR PROJECT

The Sun Valley Green Neighborhood Infrastructure Project is currently requesting \$763,363 of Safe, Clean Water Program Round 5 funding for FY24-25. The Project is tentatively requesting a total of \$13,771,475 of Safe, Clean Water funding beyond FY29-30+ for Planning, Design, Construction, Monitoring, and Operations & Maintenance (O&M). The Project's total cost, excluding O&M, is \$16,043,461 (Planning, Design, and Construction).

The Project previously applied for Safe, Clean Water Program funding in FY21-22, but was not awarded funding.

As disclosed in the Project application, the Project Proponent has leveraged \$2,599,140 from municipal funds.

- **Total SCW funding requested for FY24-25:** \$763,363
- **Total SCW funding awarded to date:** None
- **Total SCW funding requested:** \$13,771,475 (Infrastructure Program – Planning, Design, Construction, Monitoring, O&M)
- **Total Infrastructure Project cost:** \$16,043,461 (Infrastructure Program – Planning, Design, and Construction, Monitoring)
- **Cost share and/or existing funding already leveraged:** \$2,599,140

	Year 1 – Current Ask	Year 2	Year 3	Year 4	Year 5	Future Funds Beyond Year 5	Total Request
<b>Request</b>	\$763,363	\$708,363	\$381,681	\$ 5,725,221	\$ 5,865,220	\$327,154	\$13,771,475
<b>Phase</b>	Planning	Design	Design	Design, Construction	Design, Construction, Monitoring	O&M	

### Status and schedule of project:

- **Date of completion of Project planning and design:** 12/2026
- **Anticipated date of completion of Project construction:** 12/2028

## FUNDING OPPORTUNITIES

The following funding/grant program opportunities align with the Sun Valley Green Neighborhood Infrastructure Project. Funding/grant program opportunities are categorized into topic areas based on the claimed project benefits in the Safe, Clean Water Program project application. Each funding/grant program listed includes an assessment of the project's funding competitiveness in its description.

Funding competitiveness assessments will fall under three levels:





- **Strong:** The Project has a strong potential to be competitive for program funding. The Project provides numerous benefits and aligns strongly with the funding program's goals and priorities.
- **Moderate:** The Project has a moderate potential to be competitive for program funding. The Project features some benefits that align with the funding program's focus.
- **Low:** The Project has a low potential to be competitive for program funding. The Project features a benefit that aligns with the funding program's focus but does not directly align with funding priorities.

## RECREATION

[Los Angeles County Regional Parks and Open Space District's \(RPOSD\) County Neighborhood Parks and Healthy Communities, Urban Greening Program – Measure A Annual Allocations Grant Programs](#) funds planning and implementation projects that promote community-based park investments, neighborhood parks, healthy communities, and urban greening. Eligible projects must be located in a high-need or very-high-need study area as outlined in the County's Parks Needs Assessment. Applications are rolling with no deadline. The annual allocations grant program is funded annually by 13 percent of the Measure A expenditure plan and is replenished each fall. There is no cost-share requirement.

The Sun Valley Green Neighborhood Infrastructure Project has a **strong potential** to be competitive for this RPOSD grant program given the Project's recreation and green street elements claimed in the Safe, Clean Water project application, and its alignment with RPOSD funding priorities. According to RPOSD's Los Angeles Countywide Comprehensive Parks & Recreation Needs Assessment (2016), the Project location address is in the City of Los Angeles Sun Valley – La Tuna Canyon, Study Area #120, and has a high park need.

## EXTREME HEAT

[Integrated Climate Adaptation & Resiliency Program's \(ICARP\) Extreme Heat and Community Resilience Grant Program](#) funds planning and implementation projects that reduce the impacts of extreme heat and build community resilience. The Program will build frameworks for change and invest in local, regional, and tribal projects that strengthen communities that are vulnerable to heat. The ICARP program plans to award a total of \$36 million in grants for the first funding round, with 40% of total funds allocated to planning grants and 60% of total funds for implementation grants.

Draft Grant Guidelines were released on October 12, 2023, and the following information is subject to change in the Final Grant Guidelines. The ICARP Program's funding award amounts categories are: Small Planning Grants (\$100,000 and \$250,000), Large Planning Grants (\$300,000 and \$750,000), Small Implementation Grants (\$100,000 and \$450,000), and Large Implementation Grants (\$500,000 and \$5 million). No match funding is required. Implementation grants may fall under four tracks: Track A) Build Public Awareness and Notification, Track B) Strengthen Community Services and Response, Track C) Increase Resilience of Our Built Environment, and Track D) Utilize Nature-based Solutions.

The Sun Valley Green Neighborhood Infrastructure has a **moderate potential** to be competitive for this funding program, according to shade and vegetation benefits claimed by the Project Applicant. The Project aligns with Implementation Track D) Utilize Nature-based Solutions, which includes green stormwater infrastructure pilots.



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